

FIG. 1 is a block diagram of a network system. The system includes a mobile device 100, an air network 104, a proxy server 108, a land network 112, and two network servers 116 and 120. The mobile device 100 is connected to the air network 104 via a radio link 102. The air network 104 is connected to the proxy server 108. The proxy server 108 is connected to the land network 112. The land network 112 is connected to both network servers 116 and 120.

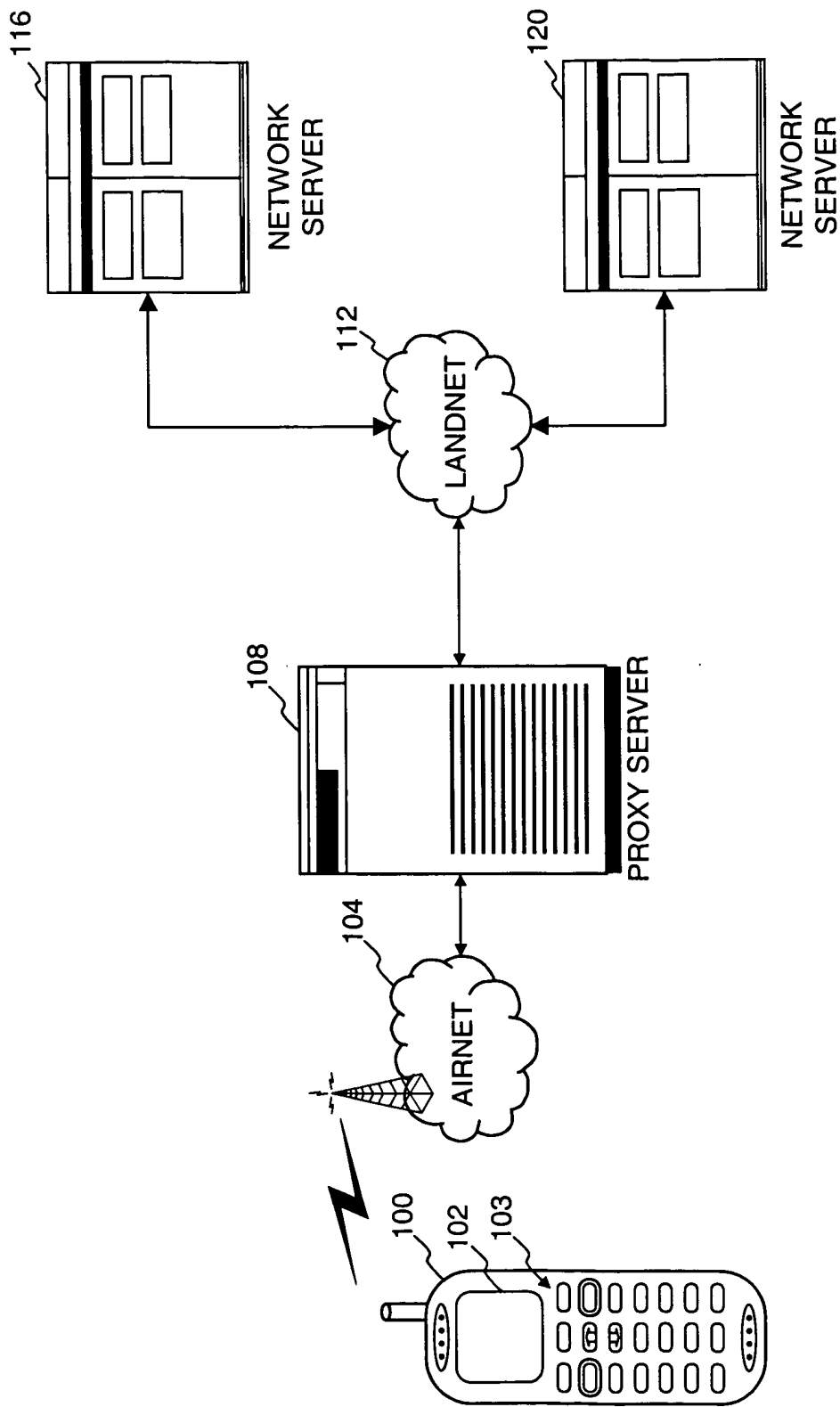


FIG. 1

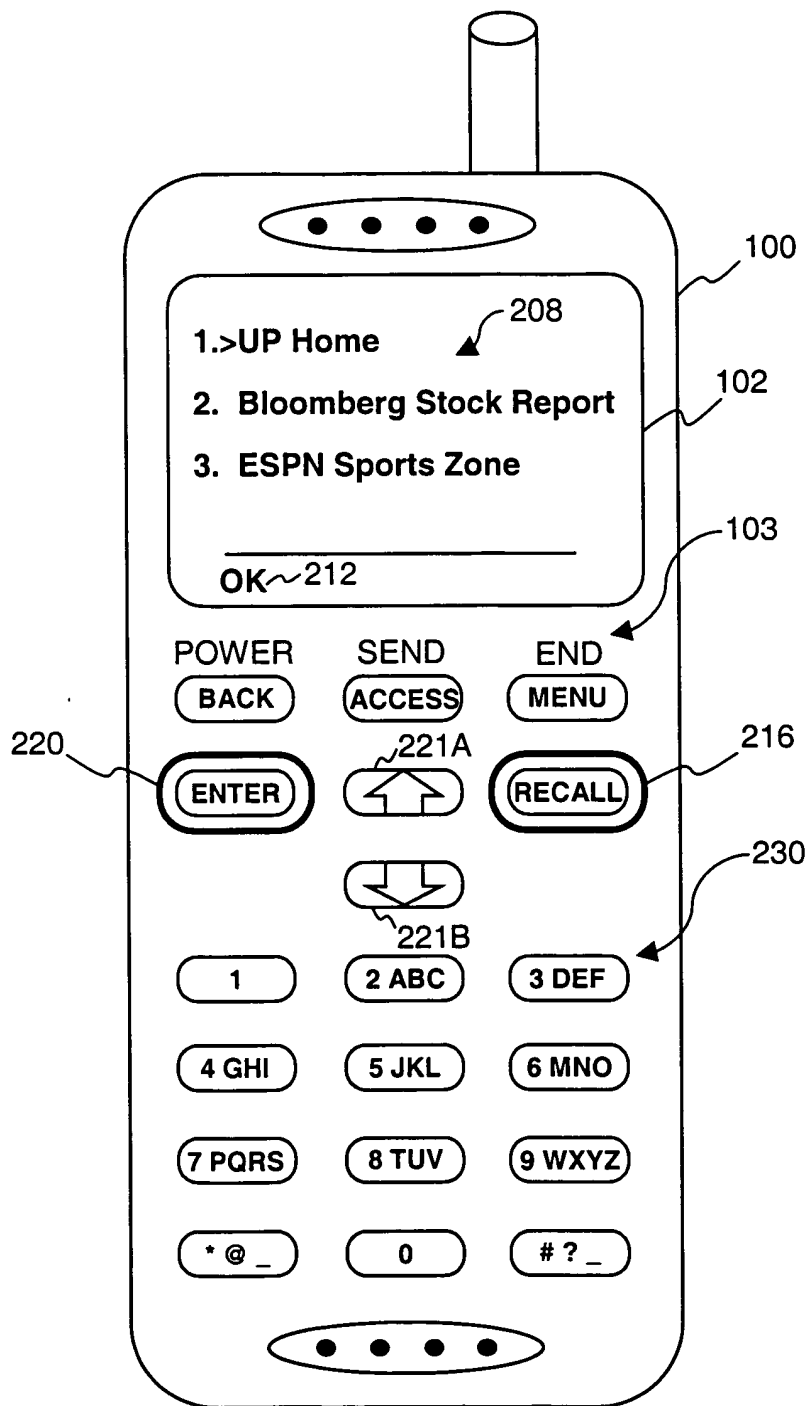


FIG. 2

FIG. 3 is a block diagram of a mobile device 100 in accordance with one embodiment of the present invention. The mobile device 100 includes a processor 301, a display 102, a keypad 103, a memory 304, a browser 320, an encoder/decoder 310, voice circuitry 318, a device ID storage 316, and a WCP interface 313. The mobile device 100 is connected to an AIRNET 104 via a wireless communication link 332.

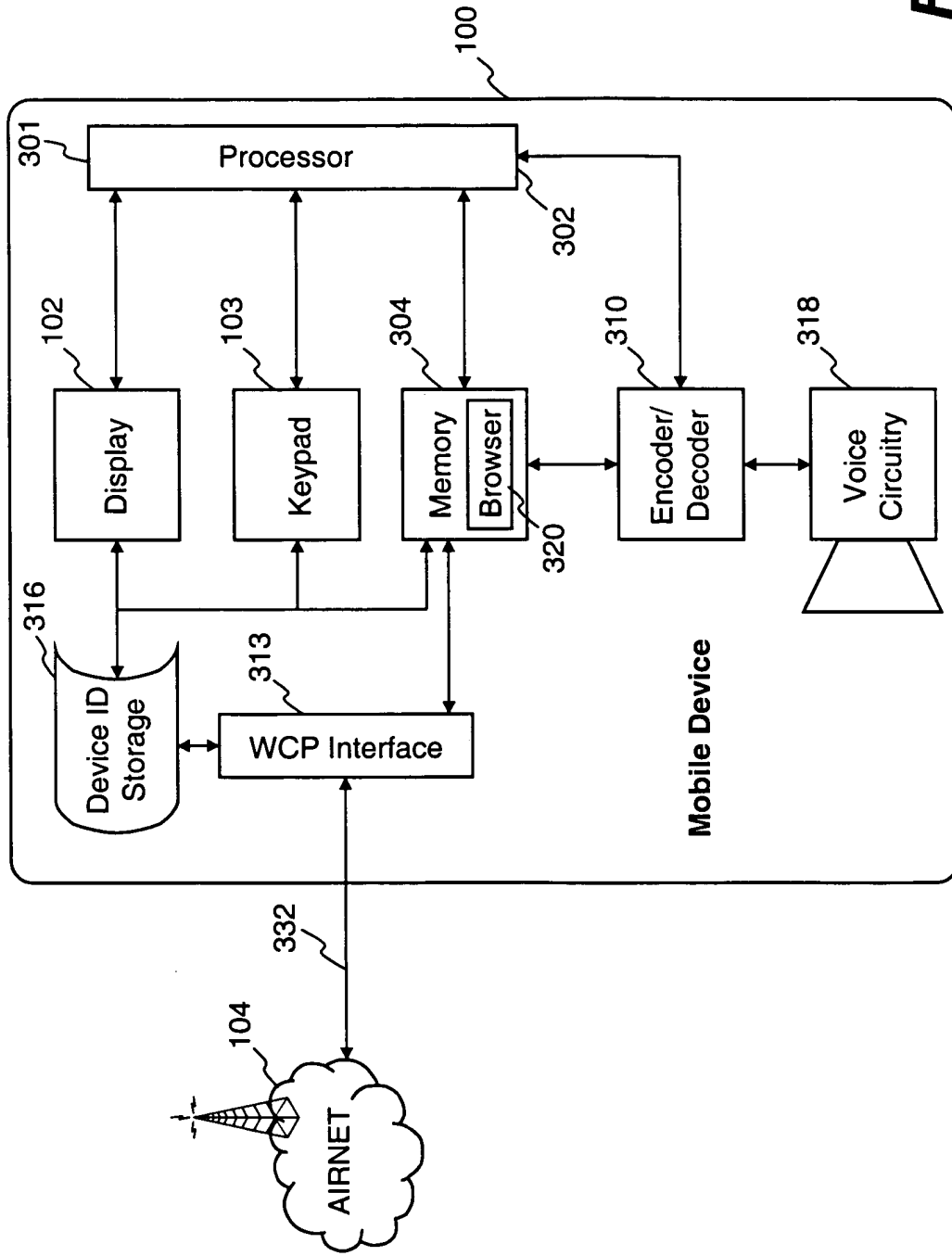


FIG. 3

**Calendar Pick
Screen**

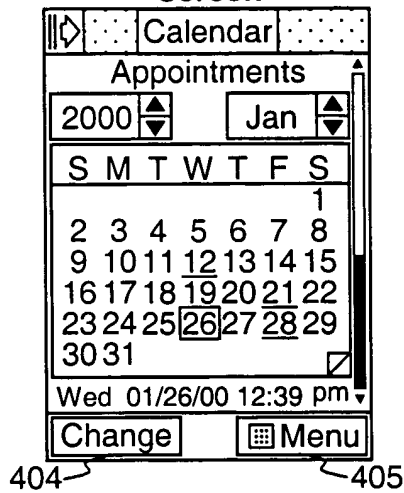


FIG. 4A

Accept Highlighted

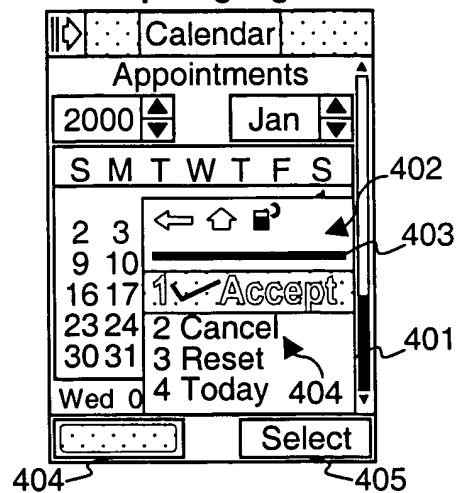


FIG. 4C

Secondary Menu

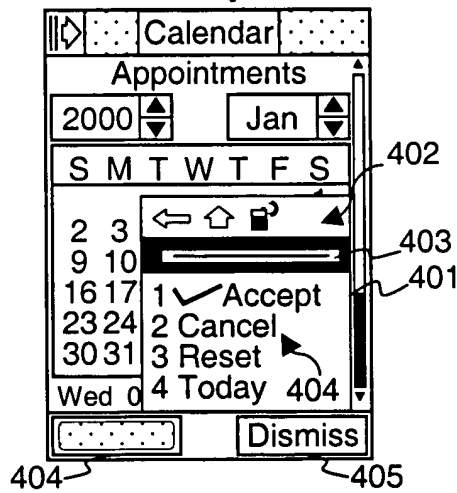


FIG. 4B

Accept Highlighted

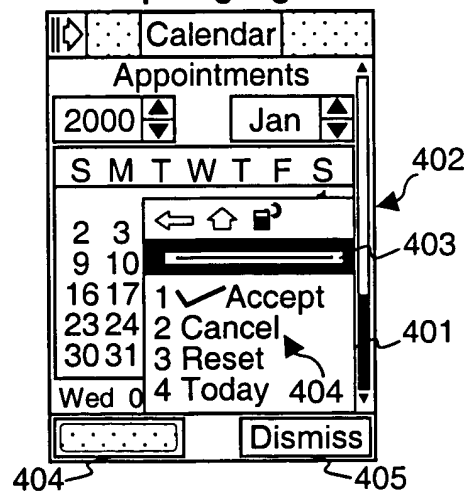


FIG. 4D

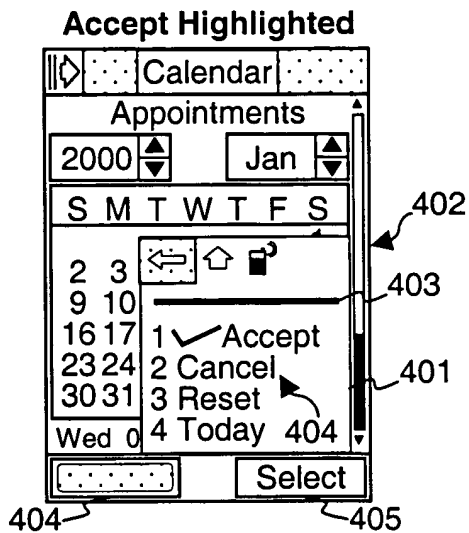


FIG. 4E

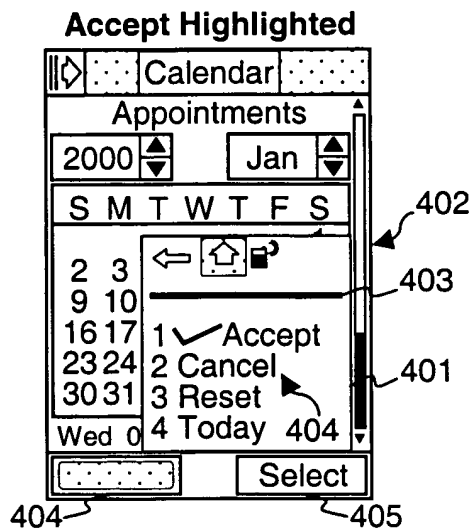


FIG. 4F

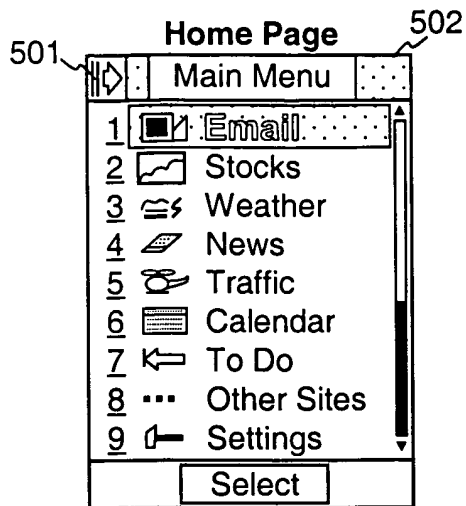


FIG. 5A

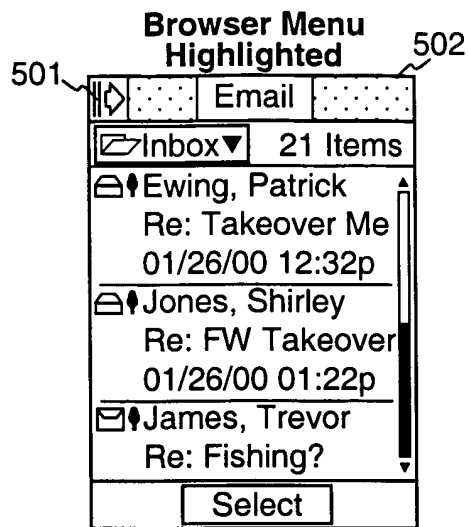


FIG. 5C

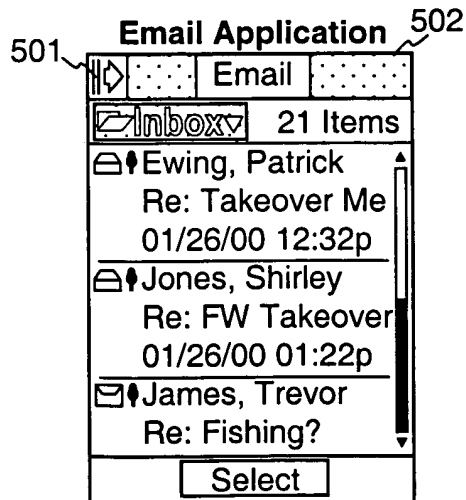


FIG. 5B

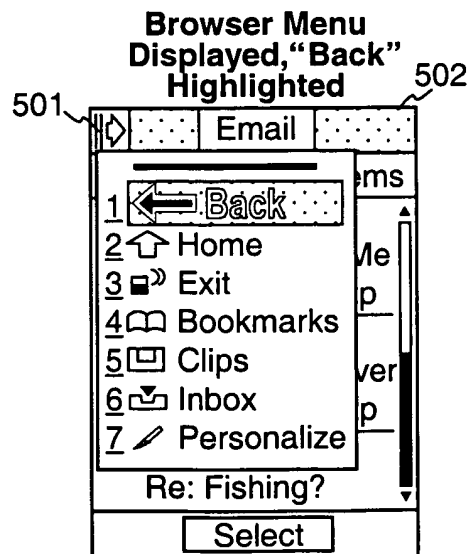


FIG. 5D

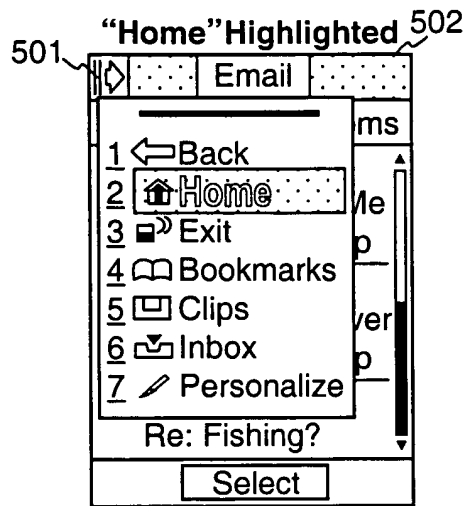


FIG. 5E

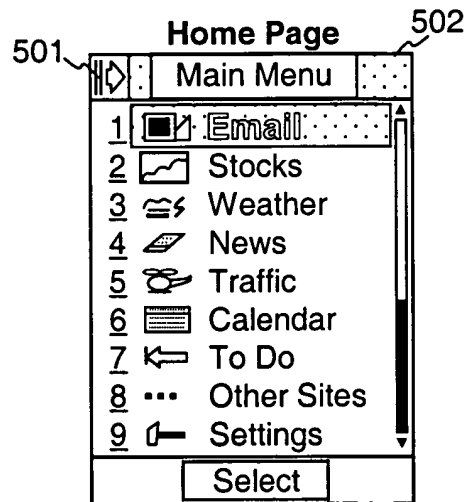


FIG. 5F

New Appointment Screen

Calendar

New Appointment Description:

601

Date: 01-26-2000

Time: [] am

Length:

Edit

FIG. 6A

Typing a Description

Calendar

New Appointment Description:

Meet with Joe Black of White Enterprises (650)222-3232

601

Date: 01-26-2000

Time: [] am

Length:

✓

FIG. 6C

Selecting the Description Field for Input

Calendar

New Appointment Description:

601

Date: 01-26-2000

Time: [] am

Length:

602

✓

FIG. 6B

Date Input Icon Highlighted

Calendar

New Appointment Description:

Meet with Joe Black of White Enterprises (650)222-3232

601

Date: 01-26-2000

603

Time: [] am

Length:

Pick

FIG. 6D

**Setting
Appointment
Length, "1/2 hour"
Highlighted**

A screenshot of a handheld device screen titled "Calendar". The screen displays a list of appointment lengths under the heading "Length:". The options are: ☒ 1/2 hour, ☐ 1 hour, ☐ 2 hours, ☐ 3 hours, and ☐ Alarm. Below the list are "Ok" and "Cancel" buttons. At the bottom of the screen is a "Select" button. The "1/2 hour" option is highlighted with a thick border.

FIG. 7A

**"2 hours"
Highlighted**

A screenshot of a handheld device screen titled "Calendar". The screen displays a list of appointment lengths under the heading "Length:". The options are: ☐ 1/2 hour, ☐ 1 hour, ☒ 2 hours, ☐ 3 hours, and ☐ Alarm. Below the list are "Ok" and "Cancel" buttons. At the bottom of the screen is a "Select" button. The "2 hours" option is highlighted with a thick border.

FIG. 7C

**"1 hour"
Highlighted**

A screenshot of a handheld device screen titled "Calendar". The screen displays a list of appointment lengths under the heading "Length:". The options are: ☐ 1/2 hour, ☒ 1 hour, ☐ 2 hours, ☐ 3 hours, and ☐ Alarm. Below the list are "Ok" and "Cancel" buttons. At the bottom of the screen is a "Select" button. The "1 hour" option is highlighted with a thick border.

FIG. 7B

**After "2 hours"
Selected, "Alarm"
Highlighted**

A screenshot of a handheld device screen titled "Calendar". The screen displays a list of appointment lengths under the heading "Length:". The options are: ☐ 1/2 hour, ☐ 1 hour, ☐ 2 hours, ☐ 3 hours, and ☒ Alarm. Below the list are "Ok" and "Cancel" buttons. At the bottom of the screen is a "Select" button. The "Alarm" option is highlighted with a thick border.

FIG. 7D

After "Alarm"
Selected, "Ok"
Highlighted

Calendar	
Length:	
<input checked="" type="radio"/>	1/2 hour
<input type="radio"/>	1 hour
<input type="radio"/>	2 hours
<input type="radio"/>	3 hours
<input checked="" type="checkbox"/>	Alarm
<input type="button" value="Ok"/>	<input type="button" value="Cancel"/>
<input type="button" value="Select"/>	

FIG. 7E



FIG. 8A



FIG. 8C

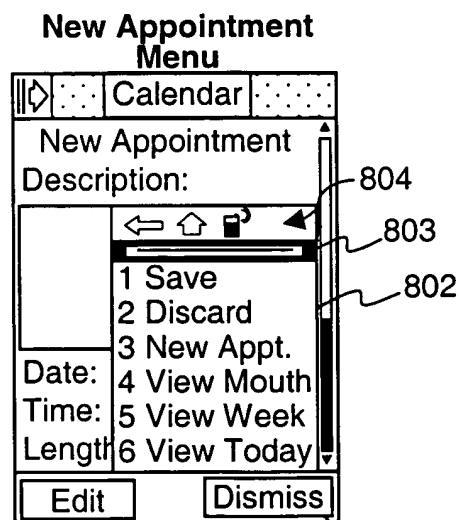


FIG. 8B

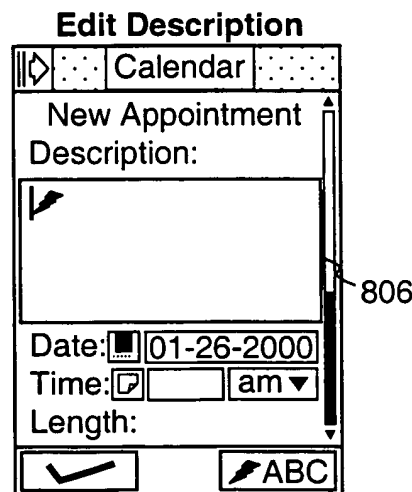


FIG. 8D

Typing Text into Description

805

FIG. 8E

801

Going into Number Mode

805

FIG. 8G

801

Text Edit Menu

805

FIG. 8F

801

Edit Description

805

FIG. 8H

801

Typing Numbers

805

FIG. 8I

801

Picking a Date

805

FIG. 8K

801

Accepting Text Input

809

805

FIG. 8J

801

Date Picker Menu

805

FIG. 8L

801

810

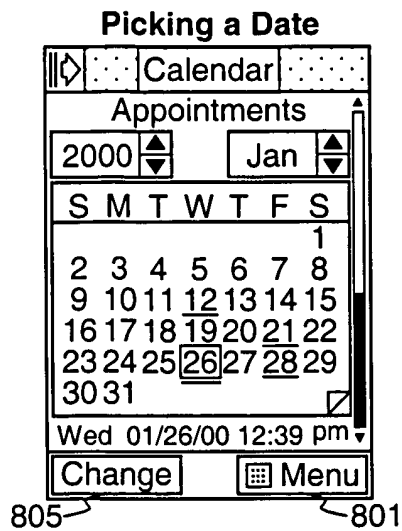


FIG. 8M

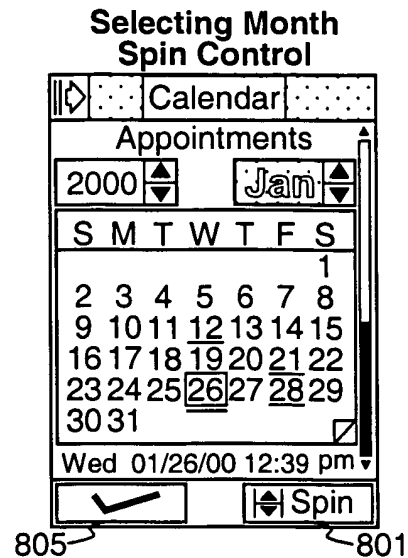


FIG. 8N

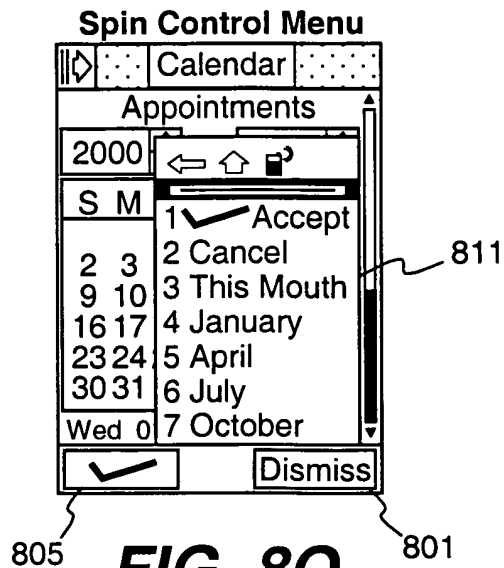


FIG. 8O

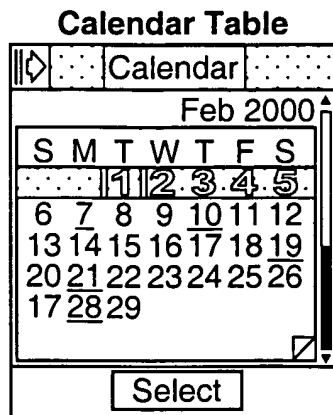


FIG. 9A

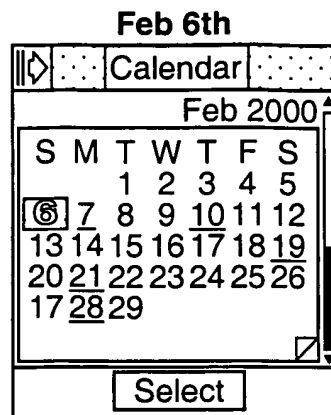


FIG. 9D

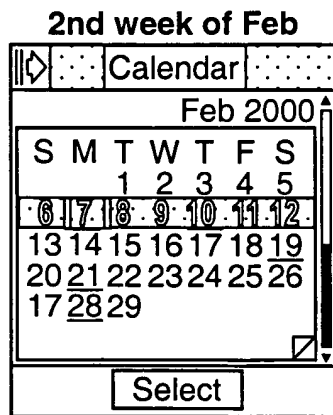


FIG. 9B

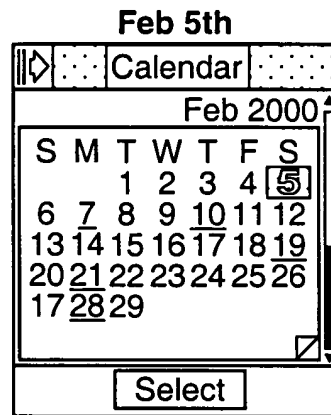


FIG. 9E

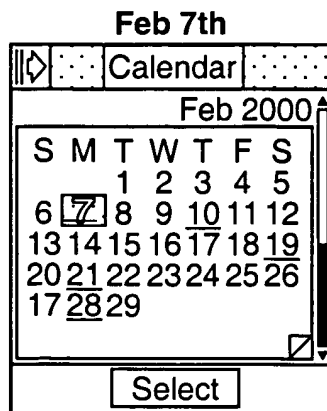


FIG. 9C

New Appointment Screen

Calendar
New Appointment Description:
Meet with Joe Black of White Enterprises (650)222-3232
Date: <input type="text"/>
Time: <input type="text"/> am
Pick

FIG. 10A

5th week of Jan

Calendar
Feb 2000
S M T W T F S
2 3 4 5 6 9 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
select

FIG. 10D

Calendar

Calendar
Feb 2000
S M T W T F S
2 3 4 5 6 9 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
Select

FIG. 10B

6th week of Jan

Calendar
Feb 2000
S M T W T F S
2 3 4 5 6 9 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
Select

FIG. 10E

4th week of Jan

Calendar
Feb 2000
S M T W T F S
2 3 4 5 6 9 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
Select

FIG. 10C

1st week of Feb

Calendar
Feb 2000
S M T W T F S
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
17 28 29
Select

FIG. 10F

2nd week of Feb

Calendar

Feb 2000

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
17	28	29				

Select

FIG. 10G

Feb 5th

Calendar

Feb 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
17	28	29				

Select

FIG. 10J

Feb 7th

Calendar

Feb 2000

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
17	28	29				

Select

FIG. 10H

Entry Accepted

Calendar

New Appointment

Description:

Meet with Joe Black
of White Enterprises
(650)222-3232

Date: 2/5/2000

Time: am

Pick

FIG. 10k

Feb 6th

Calendar

Feb 2000

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
17	28	29				

Select

FIG. 10I

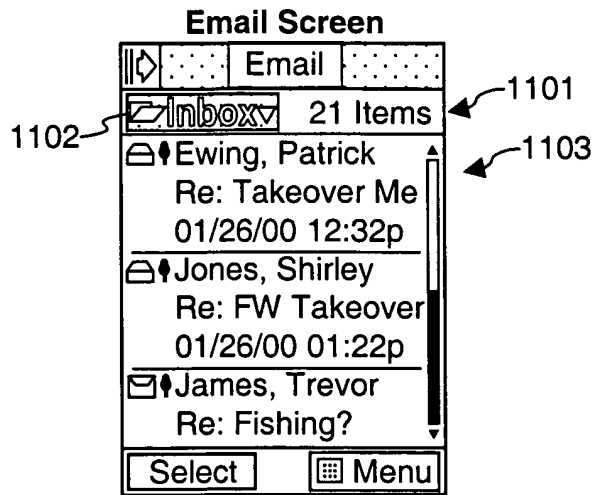


FIG. 11A

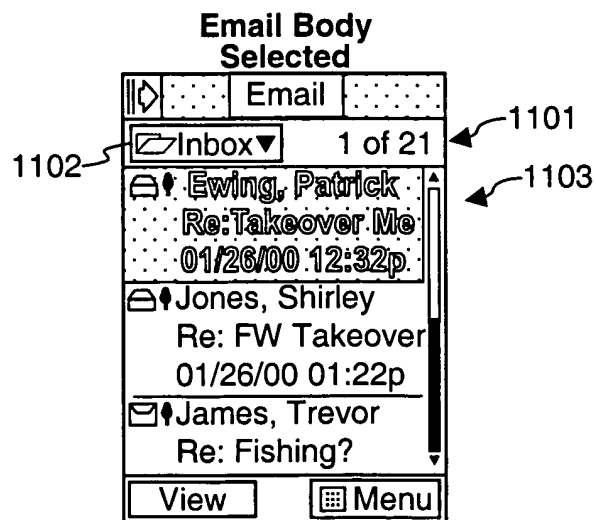


FIG. 11B

New Appointment

Description:

Date: ☒ 01-26-2000

Time: ☐ am▼

Length:

☐ 1/2 hour

☒ ☐ Menu

1201 1203

FIG. 12A

New Appointment

Description:

Meet Joe Black of

Date: ☒ 01-26-2000

Time: ☐ am▼

Length:

☐ 1/2 hour

☒ ☒ ABC

1201 1203

1202

FIG. 12C

New Appointment

Description:

Date: ☒ 01-26-2000

Time: ☐ am▼

Length:

☐ 1/2 hour

☒ ☒ ABC

1201 1203

FIG. 12B

New Appointment

Description:

Meet Joe Black of
Junk Food Enterpris

Date: ☒ 01-26-2000

Time: ☐ am▼

Length:

☐ 1/2 hour

☒ ☒ ABC

1201 1203

1202

FIG. 12D

Stocks

1

↓

2

15/16

HWP

2

↑

3

9/16

IBM

3

↓

7/8

SUNW

Symbol:

Lookup

1301

✓

Menu

FIG. 13A

Stocks

1

↓

2

15/16

HWP

2

↑

3

9/16

IBM

3

↓

7/8

SUNW

Symbol:

PHCM

Lookup

1301

✓

ABC

FIG. 13B

Stocks

1

↓

2

15/16

HWP

2

↑

3

9/16

IBM

3

↓

7/8

SUNW

Symbol:

PHCM

Lookup

1301

Select

Menu

FIG. 13C

Stocks

1

↓

2 15/16 HWP

2

↑

3 9/16 IBM

3

↓

7/8 SUNW

Symbol:

Lookup

✓

Menu

FIG. 13D

Stocks

1

↓

2 15/16 HWP

2

↑

3 9/16 IBM

3

↓

7/8 SUNW

Symbol:

|

Lookup

✓

⌘ ABC

FIG. 13F

Stocks

1

↓

2 15/16 HWP

2

↑

3 9/16 IBM

3

↓

7/8 SUNW

Symbol:

PHCM

Lookup

✓

⌘ ABC

FIG. 13E

Stocks

1

↓

2 15/16 HWP

2

↑

3 9/16 IBM

3

↓

7/8 SUNW

Symbol:

ALLR|

Lookup

✓

⌘ ABC

FIG. 13G

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

Menu

FIG. 13H

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

ABC

FIG. 13J

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

ABC

FIG. 13I

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

Select

Menu

FIG. 13K

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

Menu

FIG. 13L

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

⌂ ABC

FIG. 13N

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

⌂ ABC

FIG. 13M

Stocks

1 ↓ 2 15/16 HWP

2 ↑ 3 9/16 IBM

3 ↓ 7/8 SUNW

Symbol:

Lookup

✓

⌂ ABC

FIG. 13O

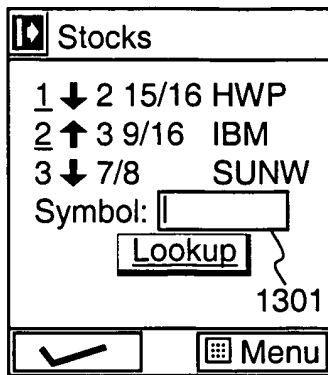


FIG. 13P

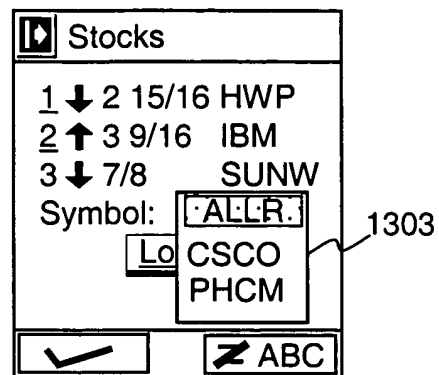


FIG. 13S

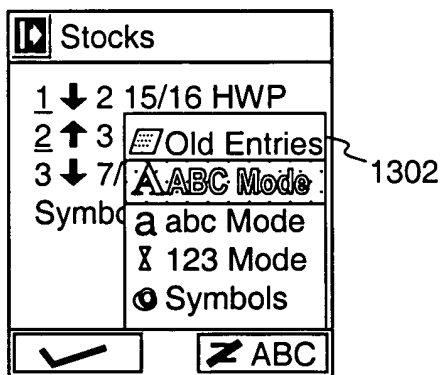


FIG. 13Q

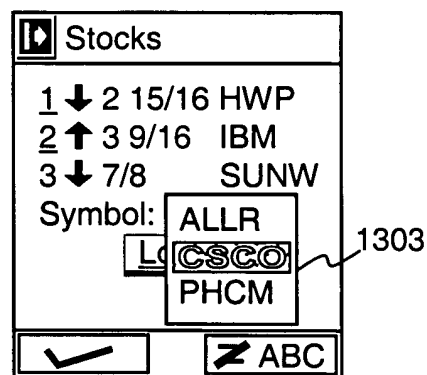


FIG. 13T

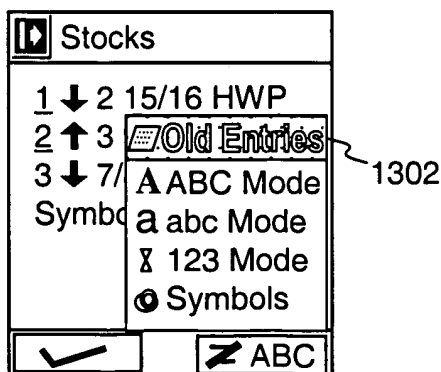


FIG. 13R

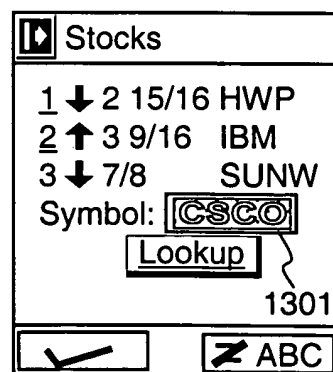


FIG. 13U

New Appointment

Description:
Meet Joe Black of

Date: ☒ 01-26-2000

Time: ☐ am

Length:
☐ 1/2 hour

☒ **ABC**

FIG. 14A

New Appointment

Description:
Meet J

Date: ☒ **A ABC Mode**

Time: ☒ **a abc Mode**

Length ☒ **x 123 Mode**

☐ 1/2 ☒ **Symbols**

☒ **Sum**

FIG. 14D

New Appointment

Description:
Meet J

Date: ☒ **A ABC Mode**

Time: ☒ **a abc Mode**

Length ☒ **x 123 Mode**

☐ 1/2 ☒ **Symbols**

☒ **ABC**

FIG. 14B

Enter Symbol # :

1 .	2 @	3 ?
4 ,	5 -	6 '
7 "	8 (9)
10 !	11 #	12 :
13 /	14 \$	15 &
16 %	17 +	18 *

Dismiss

FIG. 14E

New Appointment

Description:
Meet J

Date: ☒ **A ABC Mode**

Time: ☒ **a abc Mode**

Length ☒ **x 123 Mode**

☐ 1/2 ☒ **Symbol**

☒ **Sum**

FIG. 14C

10 !	11 #	12 :
13 /	14 \$	15 &
16 %	17 +	18 *
19 ;	20 <	21 >
22 =	23 [24]
25 -	26 {	27 }
28 ~	29 `	30 ^
31	32 \	

Dismiss

FIG. 14F

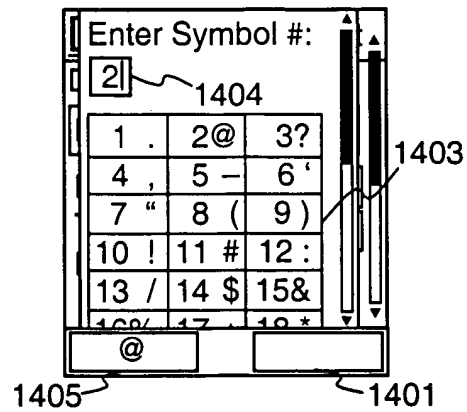


FIG. 14G

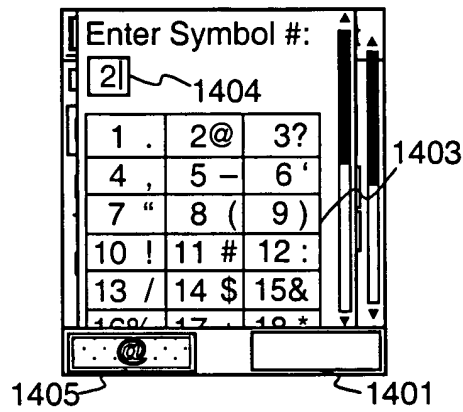


FIG. 14H

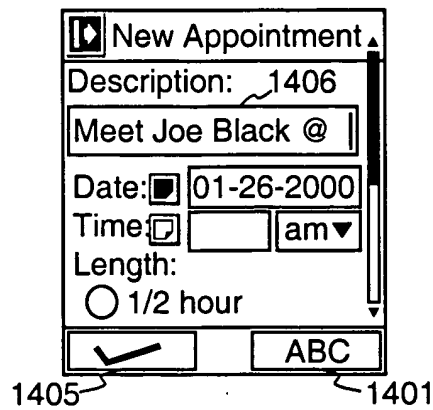


FIG. 14I

